

APPENDIX H

SENSITIVE PLANT SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Scientific Name	Common Name	Status Federal/ State/ County	CNPS List, R-E-D	Primary Habitat Associations/ Life Form/ Blooming Period	Status Onsite or Potential to Occur
<i>Abronia maritima</i>	Red sand-verbena	None/ None/ D	4, 1-2-2	Coastal dunes/ perennial herb/ February-November	No suitable habitat; not expected.
<i>Acanthomintha illicifolia</i>	San Diego thornmint	FT/ SE/ A	1B, 2-3-2	Chaparral, coastal scrub, valley and foothill grassland, vernal pools; clay/ annual herb/ April-June	No appropriate soils; not observed during flowering period. Not expected.
<i>Adolphia californica</i>	California adolphia	None/ None/ B	2, 1-3-1	Chaparral, coastal scrub, valley and foothill grassland; clay/ shrub/ December-May	No appropriate soils; conspicuous shrub not observed. Not expected.
<i>Ambrosia pumila</i>	San Diego ambrosia	FE/ None/ A	1B, 3-3-2	Chaparral, coastal scrub, valley and foothill grassland, vernal pools; often in disturbed areas/ perennial herb/ May -October	Not observed during flowering period. Low potential.
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>	Del Mar manzanita	FE/ None/ A	1B, 3-3-2	Maritime chaparral; sandy/ shrub/ December-April	No suitable habitat; not expected.
<i>Arctostaphylos rainbowensis</i>	Rainbow manzanita	None/ None/ A	1B, 3-3-3	Chaparral/ shrub/ January-February	No suitable habitat; not expected.
<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Jaeger=s milk-vetch	None/ None/ None	1B, 3-3-3	Chaparral, cismontane woodland, coastal sage scrub, valley and foothill grassland, sandy or rocky soils/ shrub/ December-June	Conspicuous shrub not observed. Low potential.
<i>Atriplex pacifica</i>	South Coast saltscale	None/ None/ A	1B, 3-2-2	Coastal bluff scrub, coastal dunes, coastal scrub, playas/ annual herb/ March-October	No suitable habitat; not expected.
<i>Atriplex serrenana</i> var. <i>davidsonii</i>	Davidson's saltscale	None/ None	1B, 3-2-2	Coastal bluff scrub, coastal scrub; alkaline/ annual herb/ April-October	No suitable habitat; not expected.
<i>Berberis nevini</i>	Nevin's barberry	FE/ SE/ A	1B, 3-3-3	Chaparral, cismontane woodland, coastal scrub, riparian scrub; sandy or gravelly/ shrub/ March-April	Conspicuous shrub not observed. Low potential.
<i>Brodiaea filifolia</i>	Thread-leaved brodiaea	FT/ SE/ A	1B, 3-3-3	Chaparral (openings) coastal scrub, cismontane woodland, playas, valley and foothill grassland, vernal pools; often clay/ bulbiferous herb/ March-June	Preferred soil not present; not observed during flowering period. Low potential.
<i>Brodiaea orcuttii</i>	Orcutt's brodiaea	None/ None/ A	1B, 1-3-2	Closed-cone conifer forest, chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, vernal pools; mesic, clay, sometimes serpentine/ bulbiferous herb/ May-July	Appropriate soil not present; not observed during flowering period. Not expected.

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<i>Camissonia lewisii</i>	Lewis's evening primrose	None/ None/ C	3, ?-?-2	Coastal bluff scrub, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland; sandy or clay/ annual herb/ (March)-June	Not observed during flowering period. Low potential.
<i>Ceanothus cyaneus</i>	Lakeside ceanothus	None/ None/ A	1B, 3-2-2	Closed-cone conifer forest, chaparral/ shrub/ April-June	No suitable habitat; not expected.
<i>Ceanothus verrucosus</i>	Wart-stemmed ceanothus	None/ None/ B	2, 2-2-1	Chaparral/ shrub/ December-April	No suitable habitat; not expected.
<i>Centromadia [Hemizonia] parryi</i> spp. <i>australis</i>	Southern tarplant	None/ None/ A	1B, 3-3-2	Marshes and swamps (margins), valley and foothill grassland (vernally mesic), vernal pools/ annual herb/ May-November	Mesic microhabitat not present; not observed during early flowering period. Low potential.
<i>Centromadia [Hemizonia] pungens</i> ssp. <i>laevis</i>	Smooth tarplant	None/ None/ A	1B, 2-3-3	Chenopod scrub, meadows and seeps, playas, riparian woodland, valley and foothill grassland; alkaline/ annual herb/ April-September	Alkaline soils not present; not observed during flowering period; low potential. .
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	Orcutt's pincushion	None/ None/ None	1B, 2-3-2	Coastal bluff scrub, coastal dunes/ annual herb/ January - August	No suitable habitat; not expected.
<i>Chorizanthe orcuttiana</i>	Orcutt's spineflower	FE/ SE/ A	1B, 3-3-3	Maritime chaparral, closed-cone conifer forest, coastal scrub/ annual herb/ March-May	No suitable habitat; not expected.
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Long-spined spineflower	None/ None/ A	1B, 2-2-2	Chaparral, coastal scrub, meadows and seeps, valley and foothill grassland; often clay/ annual herb/ April-July	Preferred soil not present; not observed during flowering period. Low potential.
<i>Clarkia delicata</i>	Delicate clarkia	None/ None/ B	1B, 2-2-2	Chaparral, cismontane woodland/ annual herb/ May-June	Moderate potential to occur in oak woodland.
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	Summer-holly	None/ None/ A	1B, 2-2-2	Chaparral, cismontane woodland/ shrub/ April-June	Conspicuous shrub not observed. Low potential
<i>Coreopsis maritima</i>	Sea dahlia	None/ None/ B	2, 2-2-1	Coastal bluff scrub, coastal scrub/ perennial herb/ March-May	No suitable habitat; not expected.
<i>Corethrogyne filaginifolia</i> var. <i>incana</i>	San Diego sand aster	None/ None/ A	1B, 3-3-2	Chaparral, coastal bluff scrub, coastal scrub/ perennial herb/ June-September	No suitable habitat; not expected.
<i>Dodecahema leptoceras</i>	Slender-horned spineflower	FE/ SE/ None	1B, 3-3-3	Chaparral, coastal sage scrub (alluvial fan), sandy soils/annual herb/ April-June	No suitable habitat; not expected.
<i>Dudleya blochmaniae</i> spp. <i>blochmaniae</i>	Blochman's dudleya	None/ None/ A	1B, 2-3-2	Chaparral, coastal bluff scrub, coastal scrub, valley and foothill grassland, rocky; often clay or serpentinite/ perennial herb/ April-June	Preferred soil not present; not observed during flowering period. Low potential.
<i>Dudleya variegata</i>	Variegated dudleya	None/ None/ A	1B, 2-2-2	Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland, vernal pools/ perennial herb/ May-June	Not observed during flowering period. Low potential.

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<i>Dudleya viscida</i>	Sticky dudleya	None/ None/ A	1B, 2-2-3	Coastal bluff scrub, chaparral, coastal scrub; rocky/ perennial herb/ May-June	No suitable habitat; not expected.
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	FE/ SE/ A	1B, 2-3-2	Coastal scrub, valley and foothill grassland, vernal pools, mesic areas/ annual-perennial herb/ April-June	Mesic microhabitat not present; not observed during flowering period. Not expected.
<i>Euphorbia misera</i>	Cliff spurge	None/ None/ B	2, 2-2-1	Coastal bluff scrub, coastal scrub; rocky/ shrub/ December-August	No suitable habitat; not expected.
<i>Harpagonella palmeri</i>	Palmer's grapplinghook	None/ None/ B	4, 1-2-1	Chaparral, coastal sage scrub, valley and foothill grassland, clays/annual herb/March-April	Not observed during flowering period. Moderate potential.
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	Mesa horkelia	None/ None/ None	1B, 2-3-3	Chaparral, cismontane woodland, coastal scrub; sandy or gravelly/ perennial herb/ February - (September)	Not observed during flowering period. Moderate potential.
<i>Horkelia truncata</i>	Ramona horkelia	None/ None/ A	1B, 3-1-2	Chaparral, cismontane woodland, clays(gabbro or metavolcanic) / perennial herb/ May-June	No appropriate soils; not observed during flowering period. Not expected.
<i>Isocoma menziesii</i> var. <i>decumbens</i>	Decumbent goldenbush	None/ None/ A	1B, 2-2-2	Chaparral, coastal scrub (sandy, often disturbed areas)/ shrub/ April-November	No suitable habitat; not expected.
<i>Juncus acutus</i> spp. <i>leopoldii</i>	Southwestern spiny rush	None/ None/ D	4, 1-2-3	Coastal dunes, meadows and seeps (alkaline), saltwater marsh/perennial herb/May-June	No potential habitat; conspicuous plant; not expected.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	None/ None/ A	1B, 2-3-2	Saltwater marsh and swamps, playas, vernal pools/ annual herb/ February-June	No suitable habitat; not expected.
<i>Lathyrus splendens</i>	Pride-of-California	None/ None/ D	4, 1-1-2	Chaparral/ perennial herb/ May-June	No suitable habitat; not expected.
<i>Lepechinia cardiophylla</i>	Heart-leaved pitcher sage	None/ None/ A	1B, 3-2-2	Closed-cone conifer forest, chaparral, cismontane woodland/ shrub/ April-July	No suitable habitat; not expected.
<i>Lepechinia ganderi</i>	Gander's pitcher sage	None/ None/ A	1B, 3-1-2	Closed-cone conifer forest, chaparral, coastal scrub, valley and foothill grassland; gabbroic and metvolcanic/ shrub/ June-July	No appropriate soils; not observed during flowering period. Not expected.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	None/ None/ A	1B, 3-2-2	Chaparral, coastal scrub/ annual herb/ January-July	No suitable habitat; not expected.
<i>Monardella hypoleuca</i> ssp. <i>lanata</i>	Felt-leaved monardella	None/ None/ A	1B, 2-2-2	Chaparral, cismontane woodland/ rhizomatous herb/ May-August	Outside of known elevation range; not observed during flowering period. Low potential.
<i>Nama stenocarpum</i>	mud nama	None/ None/ B	2, 3-2-1	Marsh and swamps, lake margins and riverbanks/ annual-perennial herb/ January-July	No suitable habitat; not expected.

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<i>Navarretia fossalis</i>	Spreading navarretia	FT/ None/ A	1B, 2-3-2	Chenopod scrub, shallow freshwater marsh and swamps, vernal pools/ annual herb/ April-June	No suitable habitat; not expected.
<i>Navarretia prostrata</i>	Prostrate navarretia	None/ None/ A	1B, 2-3-3	Coastal scrub, valley and foothill grassland (alkaline), vernal pools; mesic/ annual herb/ April-July	Alkaline soils, mesic microhabitat not present. Low potential.
<i>Nemacaulis denudata</i> var. <i>denudata</i>	Coast woolly-heads	None/ None/ B	1B, 2-2-2	Coastal dunes/ herb/ April - September	No suitable habitat; not expected.
<i>Nolana cismontana</i>	Chaparral beargrass	None/ None/ A	1B, 3-2-3	Chaparral, coastal scrub; sandstone or gabbro/ evergreen shrub/ May-July	No suitable habitat; not expected.
<i>Ophioglossum californicum</i>	California adder's-tongue	None/ None/ D	4, 1-2-2	Chaparral, valley and foothill grassland, vernal pools (margins)/ perennial herb/ December-May	Moderate potential to occur in valley needlegrass grassland.
<i>Piperia leptooetala</i>	Narrow-petaled rein orchid	None/ None/ None	None	Generally dry sites, shrublands and woodland below 7000 feet / perennial herb/ May- July	Moderate potential to occur in oak woodland or forest.
<i>Quercus dumosa</i>	Nuttall's scrub oak	None/ None/ A	1B, 2-3-2	Chaparral, coastal scrub, closed-cone coniferous forest; sandy and clay loam/ evergreen shrub/ February-March	No suitable habitat; not expected.
<i>Quercus engelmannii</i>	Engelmann oak	None/ None/ D	4, 1-2-2	Chaparral, cismontane woodland, riparian woodland, valley and foothill grassland/ deciduous tree/ March - June	Two mature trees observed onsite.
<i>Satureja chandleri</i>	San Miguel savory	None/ None/ D	1B, 2-2-2	Chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland; rocky, gabbroic or metavolcanic/ perennial herb/ March-May	Appropriate soils not present: not expected.
<i>Senecio ganderi</i>	Gander's ragwort	None/ SR/ A	1B, 3-2-3	Chaparral (burns and gabbroic outcrops)/ perennial herb/ April-May	No suitable habitat; not expected.
<i>Tetracoccus dioicus</i>	Parry's tetracoccus	None/ None/ A	1B, 3-2-2	Chaparral, coastal scrub/ deciduous shrub/ April-May	No suitable habitat; not expected.

Legend

FE: Federally-listed as endangered
 FT: Federally-listed as threatened
 SCE: State candidate for listing as endangered
 SE: State-listed as endangered
 ST: State-listed as threatened
 SR: State rare

San Diego County Group:

A: Plants rare, threatened or endangered in California and elsewhere

- B: Plants rare, threatened or endangered in California
- C: Plants which may be quite rare, but need more information to determine status
- D: Plants of limited distribution and are uncommon, but not presently rare or endangered